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GAIN MORE KNOWLEDGE
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PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 06/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: MEC1006 **Course Name:** Engineering Graphics

Semester: First Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	50	50

PART A: Answer Any 1 Following Questions. 25 M

Q.N.	Questions	M	CO	BT
1.A	A point 30mm above XY line is the front view of two points A&B. The top view of A is 40mm behind & the top view of B is 45mm in front of VP. Draw the projections of the Points & state the Quadrants in which points are situated.	10	CO1	BT3
1.B	A point P is on HP and 35mm in front of VP. Another Points Q is on VP and below HP. The line joining their front views makes an angle of 30deg to XY line, while the line joining their top views makes an angle of 45 deg with XY line. Find the distance of the points Q from HP.	15	CO1	BT3
2.A	A point P is 30mm in front of VP, 40mm above HP and 50mm form RPP. Draw its projections	10	CO1	BT3
2.B	Draw the projections of the following Points on the same XY line, keeping convenient distance between each projector. Name the Quadrants in which they lie. P- 20mm above HP & 35mm in front VP. Q- 30mm above HP & 40mm behind VP. R- 40mm above HP & VP. S- 35mm below HP & 30mm in front of VP.	15	CO1	BT3

PART B Q6: Answer Any 1 Following Questions. 25 M

Q.N.	Questions	M	CO	BT
3.A	A line AB 80mm long has its end A 20mm above the HP and 30mm infront of VP. It is inclined at 30° to HP and 45° to VP. Draw the projections of the line and find apparent lengths and apparent inclinations.	10	CO2	BT3
3.B	The top view of a 75mm long line AB measures 65mm, while the front view is 50mm. Its one end A is in HP and 12mm in front of the VP. Draw the projections of AB and determineits inclination with the HP and the VP.	15	CO2	BT3
4.A	A line AB 80mm long has its end A on XY line and is inclined to HP at 30° and inclined toVP at 45°. Draw front and top views of line and determine their lengths. Also measure theperpendicular distance of end B from both HP and VP.	10	CO2	BT3
4.B	A line AB 60mm long has one of its extremities 20mm infront of VP and 15mm above HP. The line is inclined at 25° to HP and 40° to VP. Draw its top and front views.	15	CO2	BT3